



Issue Classification 	Application No.	Applicant(s)	
	09/659,815	HATTORI ET AL.	
	Examiner	Art Unit	
	Samir A. Ahmed	2623	

ISSUE CLASSIFICATION									
ORIGINAL					CROSS REFERENCE(S)				
CLASS		SUBCLASS			CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)			
382		154			382	103			
INTERNATIONAL CLASSIFICATION					348	169			
G	0	6	K	9/00					
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(Assistant Examiner) (Date)					SAMIR AHMED PRIMARY EXAMINER  (Primary Examiner) (Date) 3/15/05			Total Claims Allowed: 14	
B. PHOENIX (Legal Instruments Examiner) (Date) 3/21/05								O.G. Print Claim(s) 1	O.G. Print Fig. 4

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant										<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original		
1	1		31		61		91		121		151		181		
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29	29		59		89		119		149		179		209		
30	30		60		90		120		150		180		210		

382	154	Subclass
ISSUE CLASSIFICATION		

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PATENT NUMBER

U.S. UTILITY Patent Application--

O.I.P.E.

PATENT DATE

SCANNED

Q.A.

APPLICATION NO. 09/659815	CONT/PRIOR F	CLASS 340 382	SUBCLASS 154	ART UNIT 2632 2623	EXAMINER Joseph M. Marasco
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Hiroshi Hattori
Kazunori Onoguchi
Nobuyuki Takeda

Obstacle detection system and method therefor

PTO-2040
12/89

ISSUING CLASSIFICATION								
ORIGINAL			CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
382	154	382	103					
INTERNATIONAL CLASSIFICATION		348	169					
GPOK	9/00							

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<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drawg. 21	Figs. Drawg. 56	Print Fig. 4	Total Claims 14	Print Claim for O.G. 1
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 80%;"> SAMIR AHMED PRIMARY EXAMINER (Primary Examiner) </div>			NOTICE OF ALLOWANCE MAILED	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____ _____ _____				ISSUE FEE	
	Amount Due		Date Paid		
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	ISSUE BATCH NUMBER				

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(Rev. 6/89)

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